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The paper also contains the longitudes of a few prominent observatories directly connected with the Coast and Geodetic Survey system. From these we take the longitude of

U. S. Naval Observatory — *new* site; meridian of clock room:—

	h	m	s	s
	5	8	15.784	± 0.050

Lick Observatory, Mt. Hamilton — meridian of transit house:—

	h	m	s	s
	8	6	34.895	± 0.057

#### OBSERVATIONS OF THE COMPANION TO *PROCYON*.

The following observations of *Procyon's* companion were made with our great refractor. For the purpose of showing the orbital motion, the discovery position is also given:—

	Date. 1897.	Position Angle.	Distance.
October	8.	324°.1	4".70
	17.	323 .0	—
	18.	323 .8	4 .76
	29.	324 .2	4 .51
	30.	326 .2	4 .59
November	1.	324 .3	4 .67
	15.	325 .2	4 .71
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Mean position for	1897.821	324 .40	4 .66
Discovery position	1896.812	318 .8	4 .59

*Procyon's* companion has finally been seen at two other observatories. Dr. SEE of the Lowell Observatory informs me that he and his assistant, Mr. BOOTHROYD, saw and measured the companion on the 1st of the present month. Professor BARNARD writes that on the 3d, during a few moments of steadiness, the companion was "clearly and distinctly seen" with the great refractor of the YERKES Observatory. So far as I know, these are the only observations made away from Mt. Hamilton. J. M. S.

LICK OBSERVATORY, November 18, 1897.

#### LICK OBSERVATORY ECLIPSE EXPEDITION.

The CROCKER eclipse expedition from the Lick Observatory, to observe the total solar eclipse of January 21–22, 1898, sailed from San Francisco on the steamship "China" on October 21st, going via Hongkong to Bombay. From this point it is expected to move inland some 150 or 200 miles, to a station near Karad. The expedition is in charge of Professor W. W. CAMPBELL.